AMENDMENT TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-12 (canceled)

Claim 13 (original): A method for encoding a motion video signal, the method comprising:

comparing first and second frames of the motion video signal to one another;

determining whether the second frame represents a scene change in a motion video image represented by the motion video image;

encoding the second frame as an independent frame upon a condition in which the second frame represents the scene change in the motion video image; and

encoding the second frame as a motion-compensated frame upon a condition in which the second frame does not represent the scene change in the motion video image.

Claims 14-28 (canceled)

Claim 29 (original): A computer readable medium useful in association with a computer which includes a processor and a memory, the computer readable medium including computer instructions which are configured to cause the computer to encode a motion video signal by performing the steps of:

comparing first and second frames of the motion video signal to one another;

determining whether the second flame represents a scene change in a motion video image represented by the motion video image;

encoding the second frame as an independent frame upon a condition in which the second frame represents the scene change in the motion video image; and

encoding the second frame as a motion-compensated frame upon a condition in which the second frame does not represent the scene change in the motion video image.

Claims 30-44 (canceled)

Claim 45 (presently amended): A computer system comprising:

a processor;

a memory operatively coupled to the processor; and

a motion video signal encoder which executes in the processor from the memory and which, when executed by the processor, causes the computer system to encode a motion video signal by performing the steps of:

comparing first and second frames of the motion video signal to one another;

determining whether the second frame represents a scene change in a motion video image represented by the motion video image;

encoding the second frame as an independent frame upon a condition in which the second frame represents the scene change in the motion video image; and

encoding the second frame as a motion-compensated frame upon a

condition in which the second frame does not represent the scene change in the

motion video image.

Claims 46-48 (canceled)

Claim 49 (new):   A computer readable medium comprising instructions

which, when executed by a computer, performs the method of Claim 13.

Claim 50 (new): The method of claim 13 wherein the determining whether the

second frame represents a scene change comprises:

measuring a difference between the first and second frames;

comparing the difference to a predetermined threshold;

determining that the second frame represents the scene change if the difference is

greater than the predetermined threshold; and

determining that the second frame does not represent the scene change if the

difference is not greater than the predetermined threshold.

Claim 51 (new): The method of Claim 50 wherein the difference is an absolute

pixel difference.

Claim 52 (new): The computer readable medium of Claim 29 wherein the

determining whether the second frame represents a scene change comprises:

measuring a difference between the first and second frames;

comparing the difference to a predetermined threshold;

determining that the second frame represents the scene change if the difference is greater than the predetermined threshold; and

determining whether the second frame does not represent the scene change if the difference is not greater than the predetermined threshold.

Claim 53 (new): The computer readable medium of Claim 52 wherein the difference is an absolute pixel difference.